

PAPER HONEYCOMB



Useful in solids retention of overspray in dry spray booths; consist of special paper expanded.

The filter septum is composed of several layers of paper together, in order to present steps larger side air inlet, and ever closer to the side of the outlet.

This particular structure gives the air a turbulent movement that separates the pigments of paint from airflow, allowing a high retention capacity of the particles in suspension; This kind of filter has a high level of efficiency, i.e. approximately 98%, with low pressure loss. Class filtration EN 779 G4.

HONEYCOMB PERFORMANCE

HIGH CAPACITY HC MODEL **cod. CAM 114x95** (length in mts 9.5 x 1.1 mt)
cod. CAM 101x95 (length in mts 9.5 x 1.01 mt)

	Average efficiency	Holding capacity
Air enamel	96.0 – 98.0 %	4.0 – 4.5 Kg/mq
Oven enamel	96.5 – 98.5 %	7.2 – 7.7 Kg/mq
Lacquers	87.0 – 90.0 %	2.1 – 2.6 Kg/mq
Primer	93.0 – 95.5 %	12.3 – 13.8 Kg/mq
Water soluble enamel	97.0 – 98.0 %	6.1 – 6.7 Kg/mq
Filtration class	G4 EN 779	

HIGH EFFICIENCY HC model with a layer of PR109 **cod. CAM8 114x95** (length in mts 9.5 x 1.14)
cod. CAM8 101x95 (length in mts 9.5 x 1.01)

	Average efficiency	Holding capacity
Air enamel	98.0 – 99.0 %	8.4 – 9.1 Kg/mq
Oven enamel	98.5 – 99.5 %	13.7 – 14.8 Kg/mq
Lacquers	89.0 – 92.0 %	2.6 – 3.1 Kg/mq
Primer	94.0 – 96.5 %	17.5 – 21 Kg/mq
Water soluble enamel	98.5 – 99.2 %	12.9 – 13.6 Kg/mq
Filtration class	G4 EN 779	



SPARE PARTS

Tests have been made on 500x500 mm panels, with a 100% over-spray. During efficiency and holding tests, air flow was 0.75 mts/second (ASHRAE 52.76 method)

INITIAL LOAD LOSSES			
Speed mts/sec	High capacity HC model mm/h2o	High efficiency HC model mm/h2o	suggested final load loss
0.50	0.51	1.60	130 pa
0.75	0.95	2.50	
1.00	1.30	3.80	
1.25	1.91	5.60	
1.50	2.54	7.20	
1.75	3.31	8.95	

RECOMMENDATIONS FOR USE AND SAFETY

Install paper honeycomb with larger mesh side facing the user, taking care to overcome the ends a few centimeters. While spraying, maintain a distance between the operator and the filter of at least 1,5 mt. The suggested speed air crossing is 1 m/sec Saturated filters have to be removed and deposited in a special container. Should not be approached neither from heat sources nor by flame. Must not be exposed to the Sun.

CAN IGNITE

Must be disposed of as waste by undertaking authorised not to be equivalent to urban.